

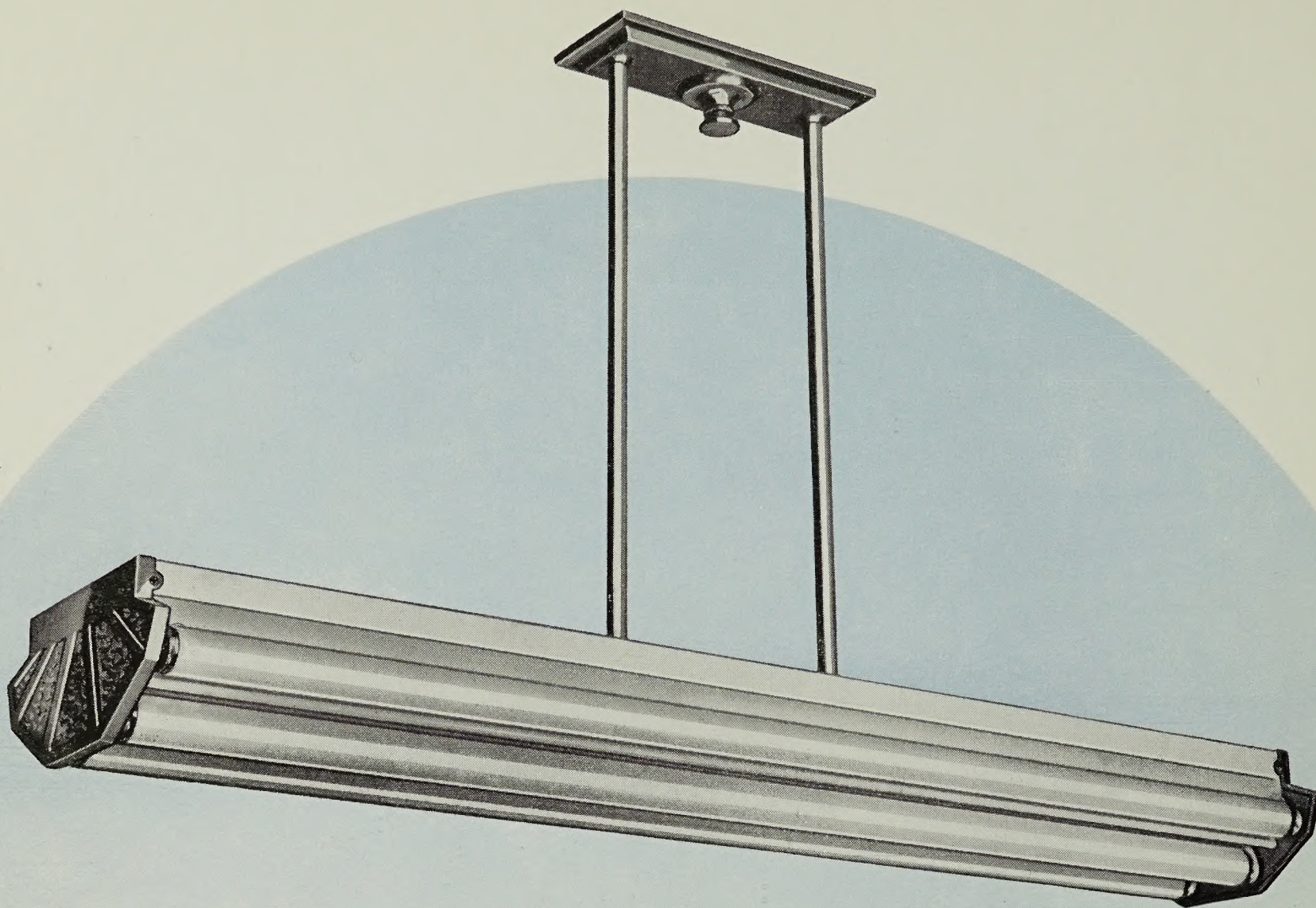
APR 23 1940

★
Fluorescent
and
Commercial
LIGHTING

Lincoln Manufacturing Co.

2630 ERSKINE STREET • DETROIT, MICHIGAN

FLUOR-O-LITES FOR GENERAL LIGHTING



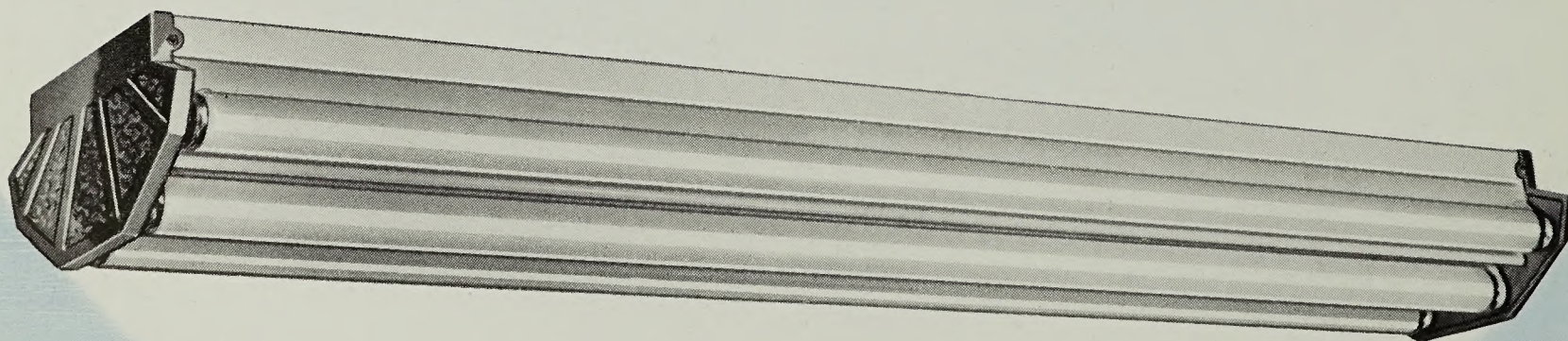
No. 8566—4 Light—48"—40W Lamps

Standard drop 42", Length 48 $\frac{1}{2}$ ", Width 10 $\frac{3}{4}$ "

Keyless style. Fluted reflectors finished in White Enamel. Cast aluminum ends and canopy finished in SATIN CHROME with Bright highlights.

Complete with TULAMP ballast, high PF 95%, and starting compensator. For 110V 60 Cycle AC Current.

FINISH: SATIN CHROME.



No. 8567—4 Light—48"—40W Lamps

Ceiling style to match No. 8566

Drop 5 $\frac{1}{4}$ ", Length 48 $\frac{1}{2}$ ", Width 10 $\frac{3}{4}$ "

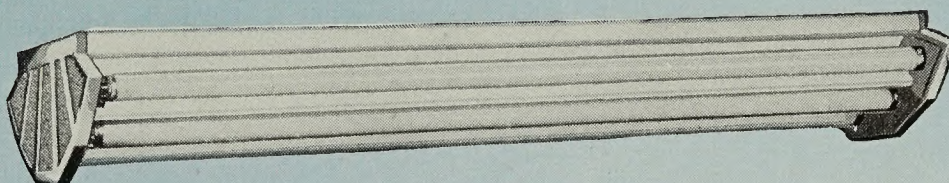
Specifications and Finish same as on No. 8566



FLUOR-O-LITES FOR GENERAL LIGHTING

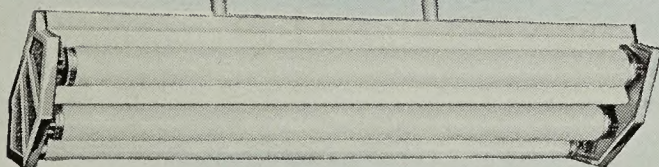
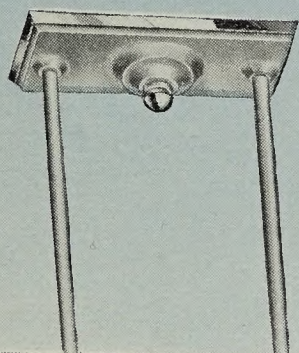
POWER FACTOR CORRECTED UNITS

All units listed on this page as high power factor, have an approximate PF rating of 87%.
When ordering such units, please specify "PF" after fixture number. Thus: No. 8520 PF.
When ordering units without PF, please specify "Less PF." Thus: No. 8520 Less PF.

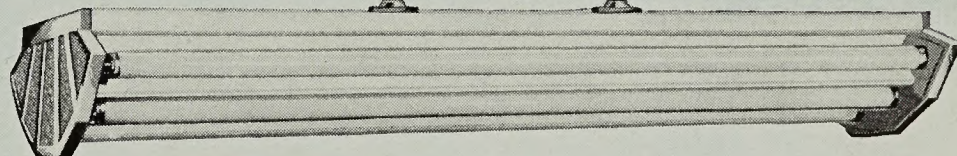
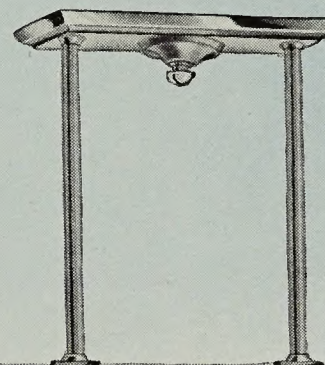


No. 8529—5 light—24" lamps
No. 8530—5 light—36" lamps
No. 8538—5 light—48" lamps

Fixture Number	Size of Lamps	Standard Drop	Length	Width
8520	24"	42"	25"	9"
8521	36"	42"	37"	9"
8522	48"	42"	49"	9"
8523	24"	3 $\frac{3}{4}$ "	25"	9"
8527	36"	3 $\frac{3}{4}$ "	37"	9"
8528	48"	3 $\frac{3}{4}$ "	49"	9"
8524	24"	42"	25"	12"
8525	36"	42"	37"	12"
8535	48"	42"	49"	12"
8529	24"	5"	25"	12"
8530	36"	5"	37"	12"
8538	48"	5"	49"	12"
8566	48"	42"	49"	12"
8567	48"	5"	49"	12"

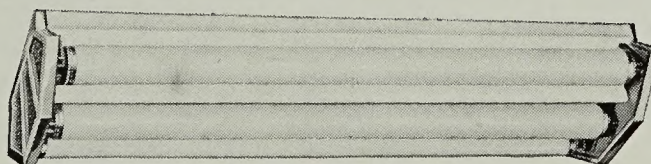


No. 8520—3 light—24" lamps
No. 8521—3 light—36" lamps
No. 8522—3 light—48" lamps



No. 8524—5 light—24" lamps
No. 8525—5 light—36" lamps
No. 8535—5 light—48" lamps

No. 8566—4 light—48" lamp—Drop (to match No. 8535)
No. 8567—4 light—48" lamp—Ceiling (to match No. 8538)



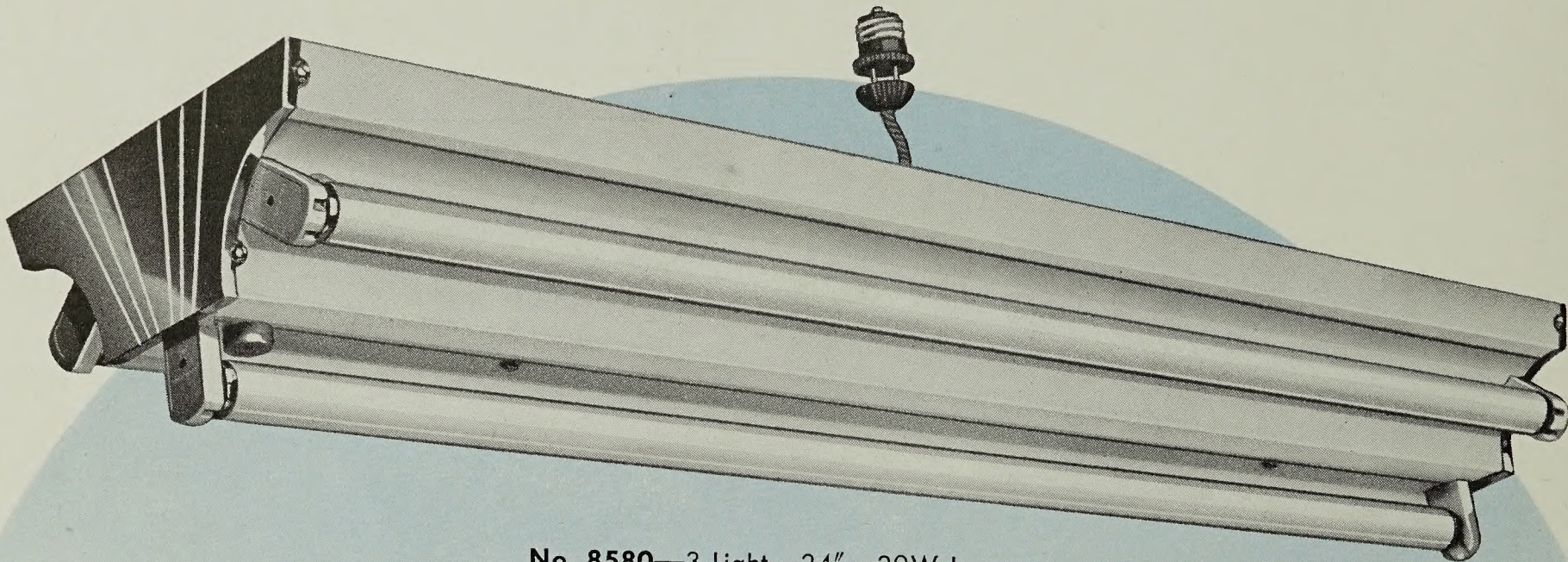
No. 8523—3 light—24" lamps
No. 8527—3 light—36" lamps
No. 8528—3 light—48" lamps

All Auxiliaries Are Mounted on Thick Felt Washers to Reduce Humming Noise.



NOVOLITE ADAPTORS

Designed especially to replace old style lighting where it is desirable to retain the lighting fixture hangers or where it is impractical to remove them. Simple to install. Fits all standard 6" holders. Furnished wired complete, ready for use.



No. 8580—3 Light—24"—20W Lamps
Length 24½", width 8", depth 5⅝"

No. 8583—3 Light—36"—30W Lamps
Length 36½", width 8", depth 5⅝"

Complete with Cord and plug—Fits all standard 6" holders.

FINISH: SATIN CHROME High Reflecting White Enamel is used on Reflectors. Cast aluminum ends finished in bright polished aluminum.

AVAILABLE FOR MOUNTING DIRECT TO CEILING

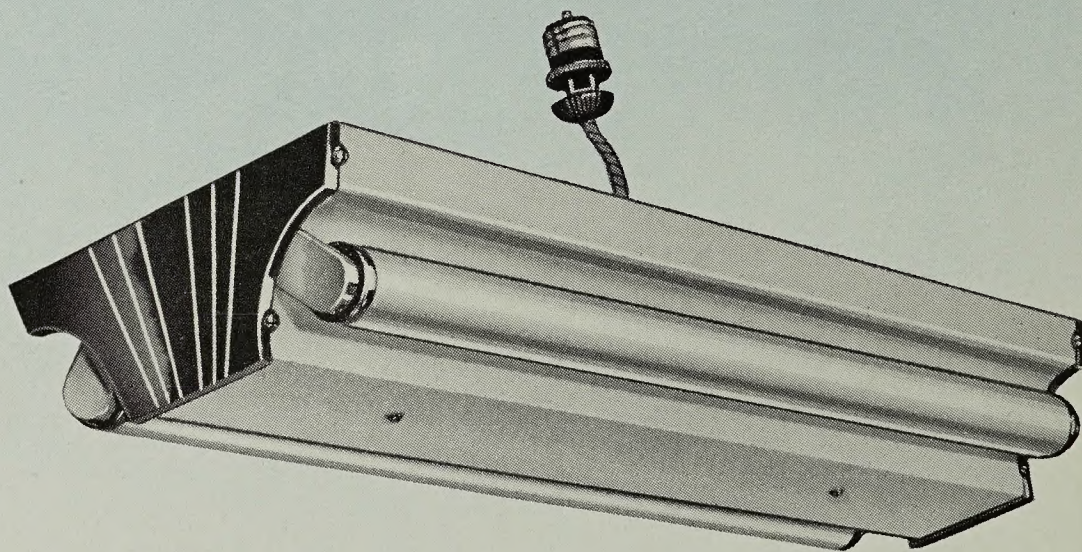
No. 8584—2 light—24" lamps—to match 8575

No. 8585—2 light—36" lamps—to match 8578

No. 8586—2 light—48" lamps—to match 8575

No. 8587—3 light—24" lamps—to match 8580

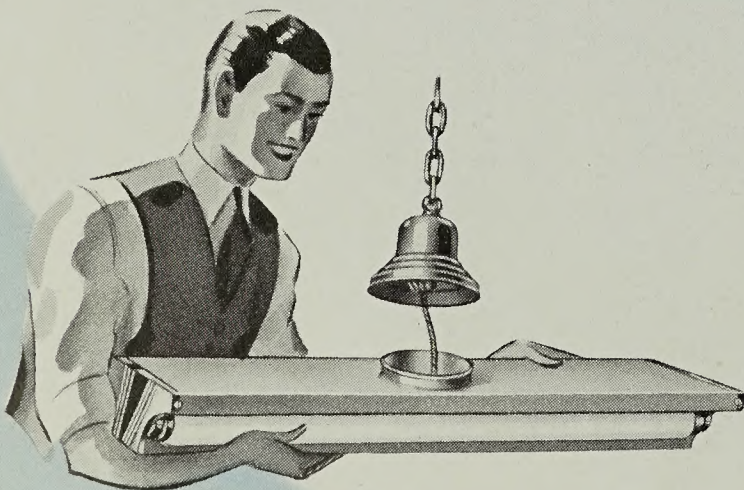
No. 8588—3 light—36" lamps—to match 8583



No. 8575—2 Light—24"—20W Lamps
Length 24½", width 8", 4" deep

No. 8578—2 Light—36"—30W Lamps
Length 36½", width 8", depth 4"

Finish and specifications same as on 8580-8583.

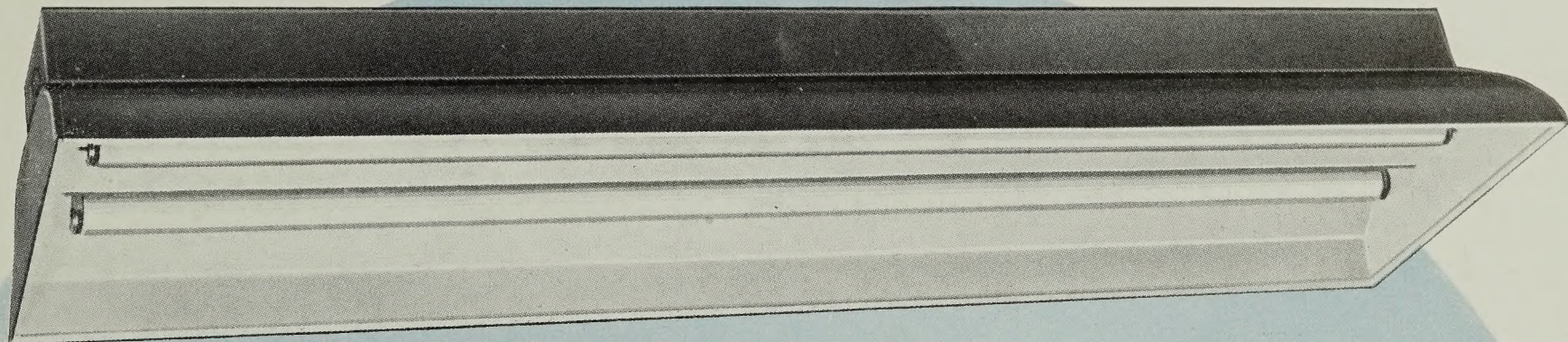


Simple to install. Simply remove old glass globe and lamp from hanger, install cap, plug in and attach unit with thumb screws. Install lamps and the unit is ready for use.



THE LINCOLN INDUSTRIALITE

For 2—48"—40W Fluorescent Lamps



No. 8548—2 Light—48" Lamps.

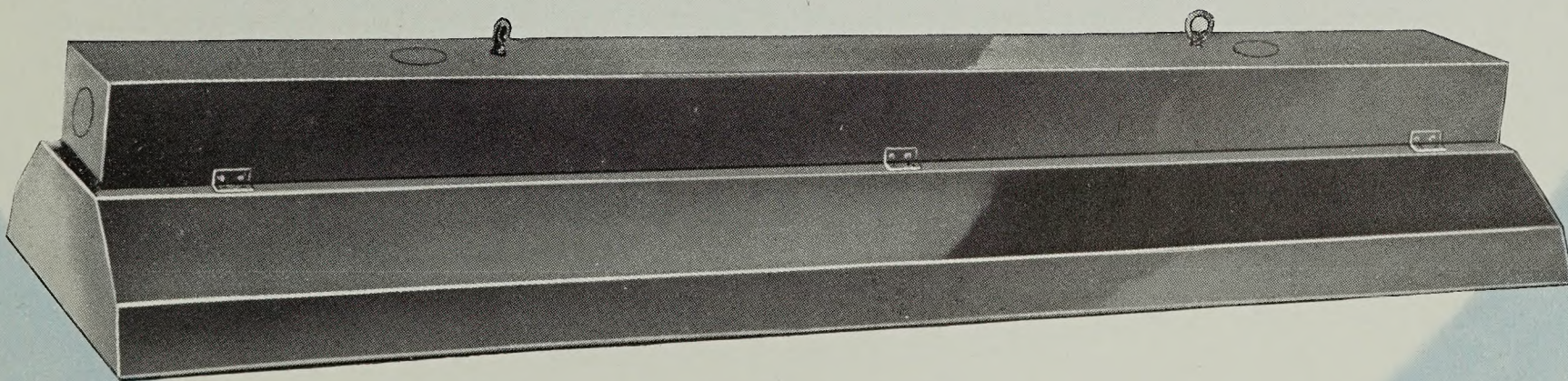
SPECIFICATIONS

- Made of # 20 U. S. Gauge Steel.
- Wired complete with TULAMP ballast and Starting Compensator for 110V-60 cycle AC current.
- High Power Factor Rating approximately 95%.
- Stroboscopic (flickering) effect practically eliminated.
- Separate starting switches in sockets are easily accessible.
- $\frac{1}{2}$ " knock-outs on either side and top.
- Furnished with six feet of wire and two loops for chain suspension (chain or canopy not furnished).
- Top housing is hinged on side permitting ready access to wiring on inside.

DIMENSIONS—Length overall 50", depth $6\frac{3}{4}$ ", spread $13\frac{1}{2}$ ".

Shipping Weight, 32 lbs.

FINISH—Finished in LACQUER BRONZE on outside, while a HIGH REFLECTING WHITE ENAMEL is used on inside.



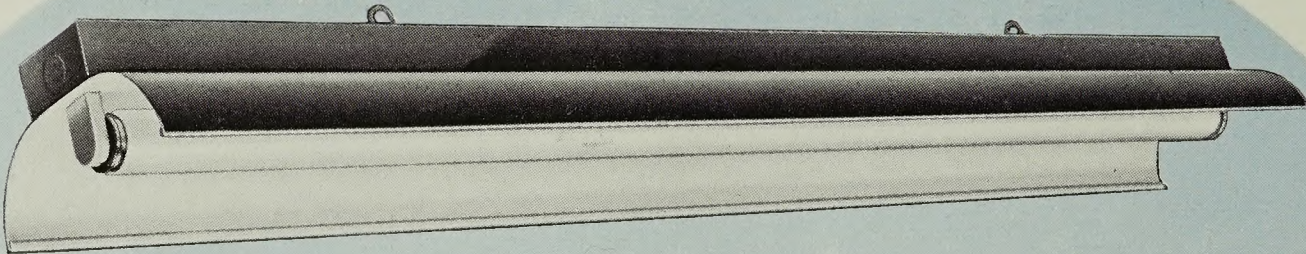
Top view, showing location of hinges, loops and knock-outs.

(Less Ballast Price includes sockets but not starting switch or Starting Compensator.)



INDUSTRIALITES

IDEAL FOR USE OVER ASSEMBLY, INSPECTION LINES,
COUNTERS, DRAFTING BOARDS AND SIMILAR INSTALLATIONS



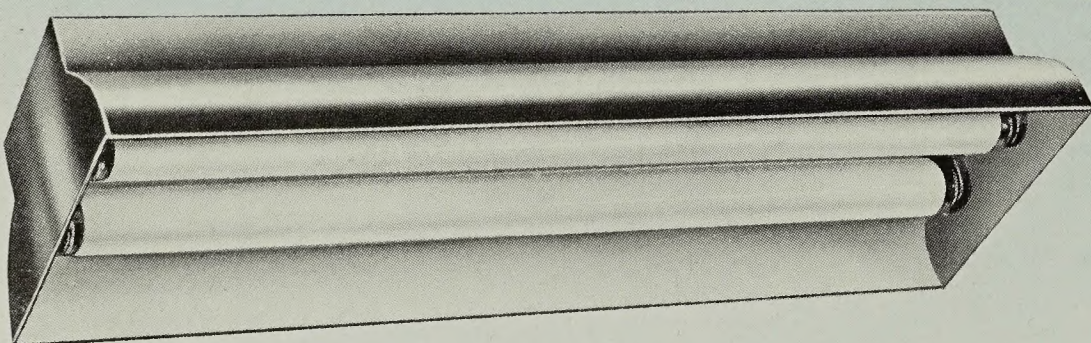
No. 8561—1 Light—24"—20W Lamp

Open End Style Unit. Furnished with two loops for chain suspension. Can be mounted directly to ceiling by eliminating loops. Knock-outs furnished on either side and top. Length $25\frac{3}{4}"$, width $6\frac{1}{2}"$, depth $3\frac{3}{4}"$.

No. 8563—1 Light—48"—40W Lamp

Same specifications as above. Length, $49\frac{3}{4}"$, width $6\frac{1}{2}"$, depth $3\frac{3}{4}"$.

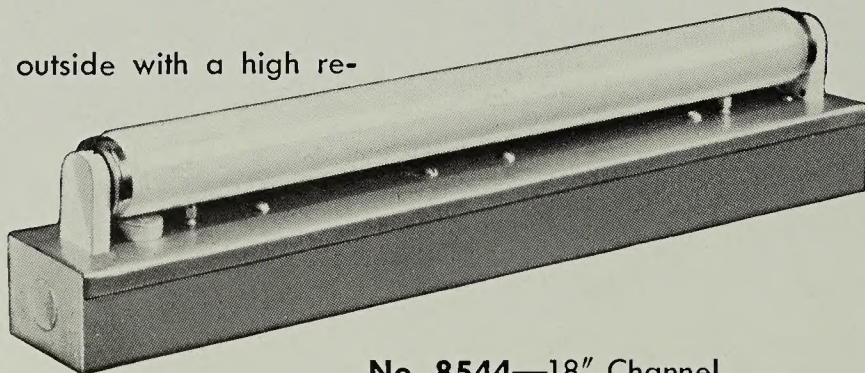
FINISH: LACQUER BRONZE outside, White Enamel inside.



No. 8532—Two Light 24", 20W Lamps.

Length $24\frac{1}{2}"$, width $8\frac{1}{2}"$. "V" type reflector between lamps.

FINISH: LACQUER BRONZE outside with a high reflecting White Enamel inside.



No. 8544—18" Channel

Length $19\frac{1}{4}"$, depth $3\frac{1}{2}"$, width $2\frac{3}{8}"$

No. 8545—24" Channel

Length $25\frac{1}{4}"$, depth $3\frac{1}{2}"$, width $2\frac{3}{8}"$

No. 8546—36" Channel

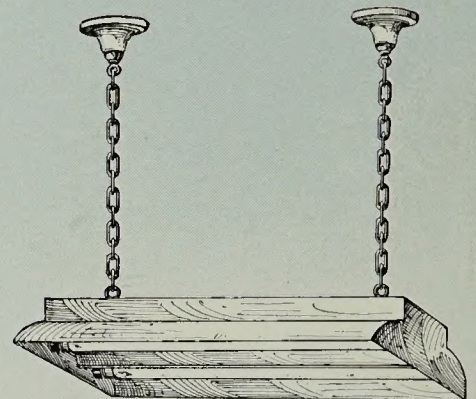
Length $37\frac{1}{4}"$, depth $3\frac{1}{2}"$, width $2\frac{3}{8}"$

No. 8547—48" Channel

Length $49\frac{1}{4}"$, depth $3\frac{1}{2}"$, width $2\frac{3}{8}"$

Knock-out at each end. For use as continuous strip or as individual channel.

FINISH: Sprayed SATIN CHROME



Showing one method of suspending this unit.

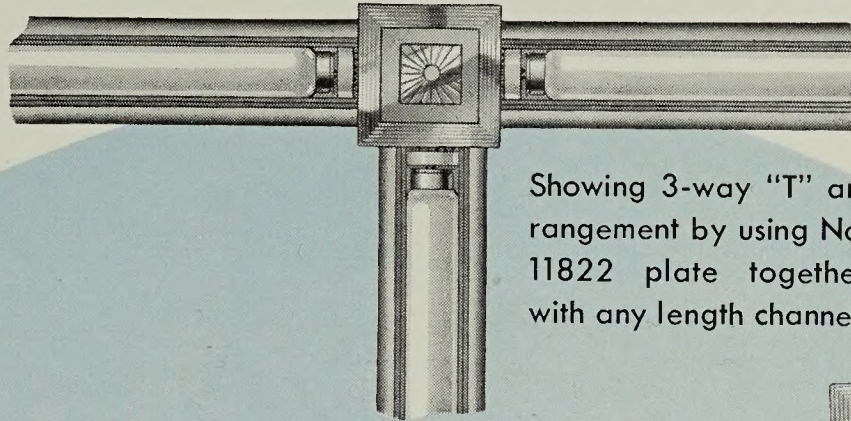
Furnished with two loops and six feet of wire for suspension with chain.

(Chain and canopy not included in price and will not be furnished unless ordered separately).



CUSTOM CHANNELITE

Almost any design can be made from stock channels by using the various accessory parts. Very effective, yet inexpensive. Simple to assemble—all parts fit together without any tools required.

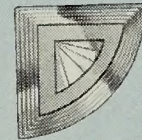


Showing 3-way "T" arrangement by using No. 11822 plate together with any length channel.



No. 11751

Cast Connecting Plate
Finish: Satin Chrome with Bright Highlights.



No. 11840

Cast Corner Plate
Finish: Satin Chrome with Bright Highlights.

No. 8550—18" Channel

Length 19", width 3½", depth 1⅝".

Finish: Sprayed Satin Chrome.

No. 8551—24" Channel

Length 25", width 3½", depth 1⅝".

Finish: Sprayed Satin Chrome.

No. 8552—36" Channel

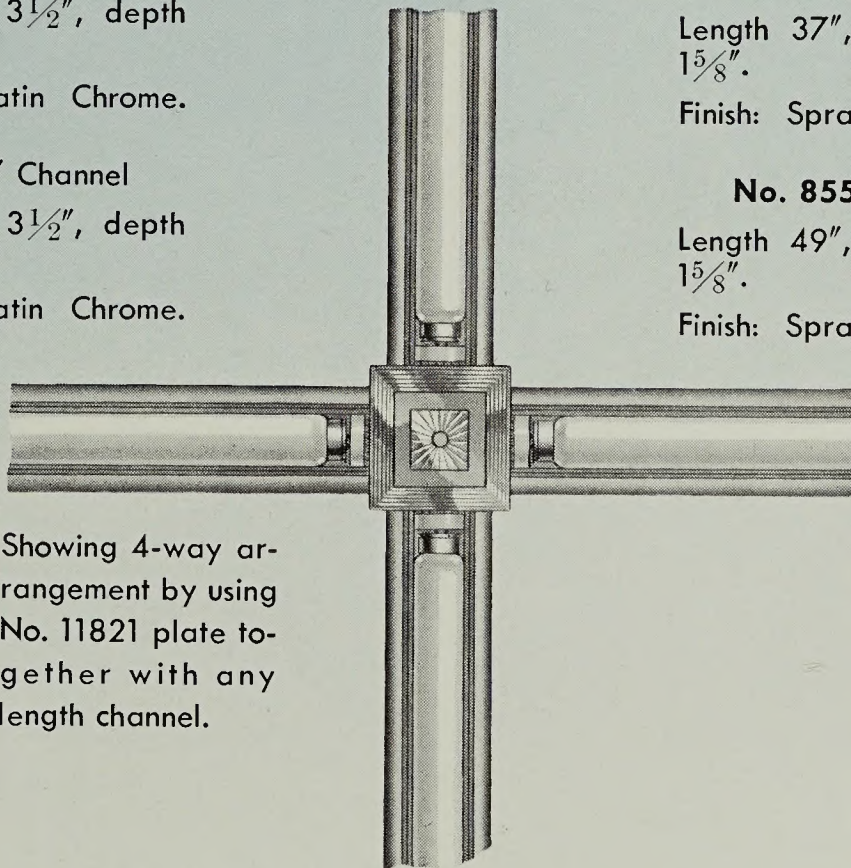
Length 37", width 3½", depth 1⅝".

Finish: Sprayed Satin Chrome.

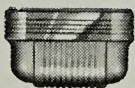
No. 8553—48" Channel

Length 49", width 3½", depth 1⅝".

Finish: Sprayed Satin Chrome.

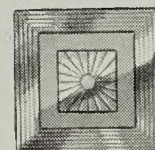


Showing 4-way arrangement by using No. 11821 plate together with any length channel.



No. 11750

Cast End Plate
Finish: Satin Chrome with Bright Highlights.

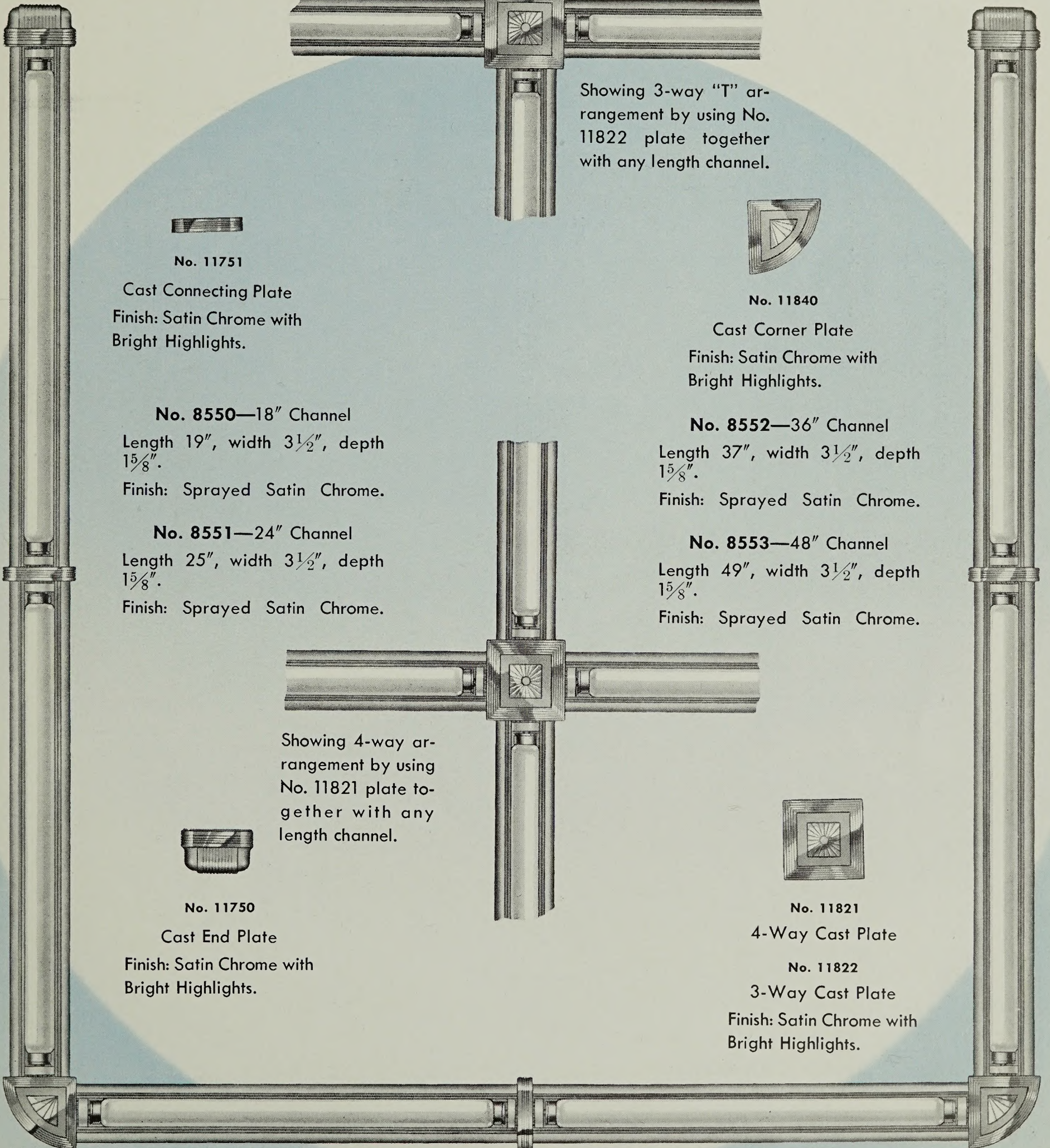


No. 11821

4-Way Cast Plate

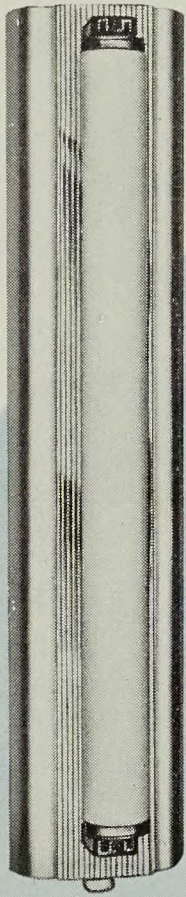
No. 11822

3-Way Cast Plate
Finish: Satin Chrome with Bright Highlights.

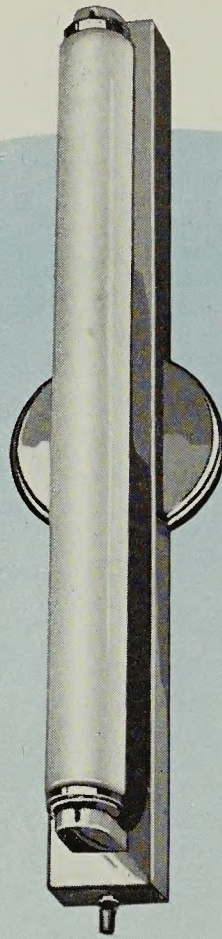


FLUOR-O-LITE BRACKETS

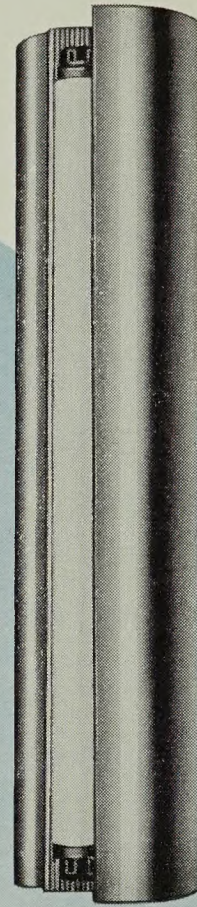
Highly Suitable for Residential or Commercial Use



No. 8510—18"
No. 8512—24"
No. 8514—36"



No. 9511—18"
No. 9512—24"

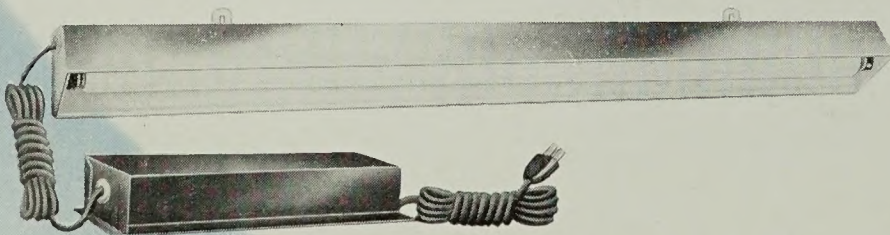


No. 8511—18"
No. 8513—24"
No. 8515—36"

Fixture Number	Description	Size of Lamp	Length Overall	Width
8510		18"	19"	3 1/2"
8511	With Reflector	18"	19"	3 1/2"
8512		24"	25"	3 1/2"
8513	With Reflector	24"	25"	3 1/2"
8514		36"	37"	3 1/2"
8515	With Reflector	36"	37"	3 1/2"
8510-A	Conv. Outlet	18"	19"	3 1/2"
8511-A	C.O. and Reflector	18"	19"	3 1/2"
8512-A	Conv. Outlet	24"	25"	3 1/2"
8513-A	C.O. and Reflector	24"	25"	3 1/2"
9511	Bracket	18"	20"	4 1/2"
9512	Bracket	24"	26"	4 1/2"
9511-A	Conv. Outlet	18"	20"	4 1/2"
9512-A	Conv. Outlet	24"	26"	4 1/2"

FINISH of all BRACKETS: Genuine CHROME PLATE.

Each bracket equipped with switch control. Convenience outlet mounted on side in center.



No. 8540—1 Light—36"—30W 1" dia. lamp. Complete, ready for installation. For 110V 60 cycle AC current.

FINISHES: SPRAYED SATIN CHROME or Genuine CHROME PLATE.

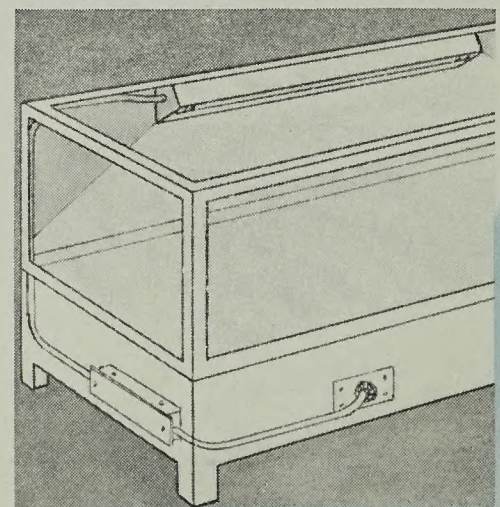
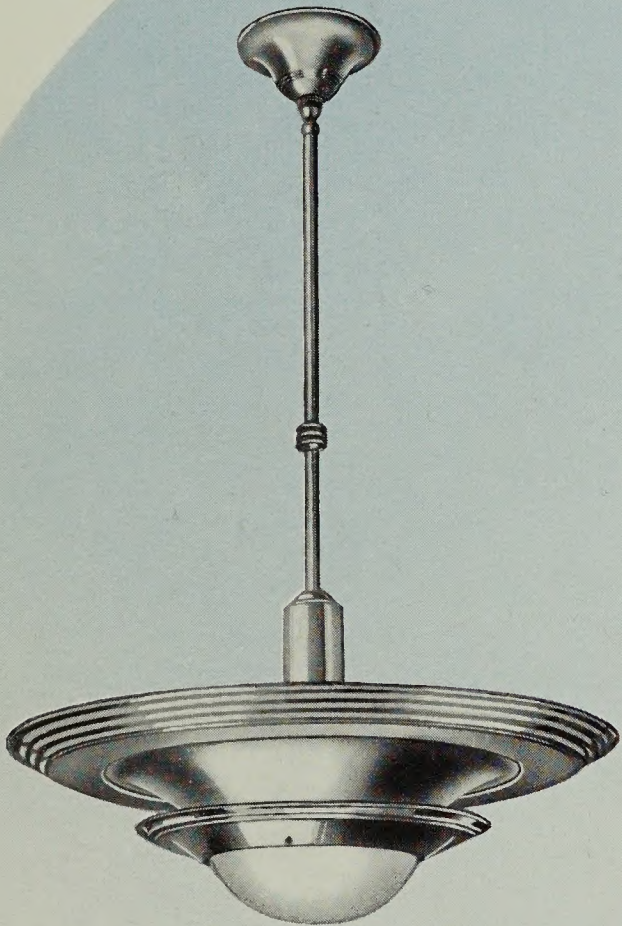


Illustration shows unit and ballast mounted in show case.



COMMERCIAL LIGHTING



No. 9459—One light.
Semi-indirect.

Made in two sizes.

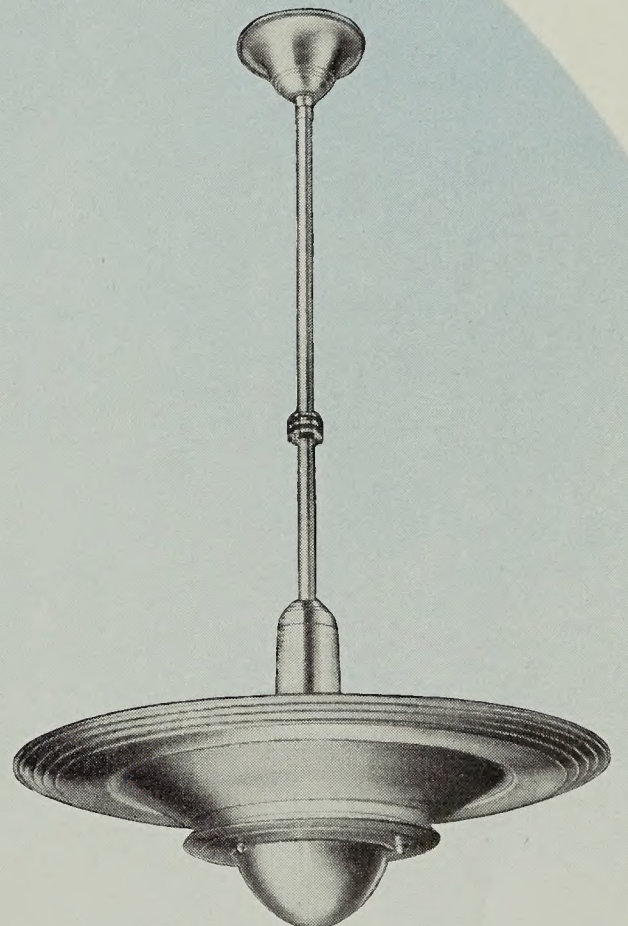
No. 9458—16" dia. for 100 to 200 watt lamp.

No. 9459—22" dia. for 300 to 500 watt lamp.

Standard length both sizes—36".

Standard finish: SATIN CHROME.

White Opal Glass Bottom.



No. 9460—One light.
Totally indirect.

Made in two sizes.

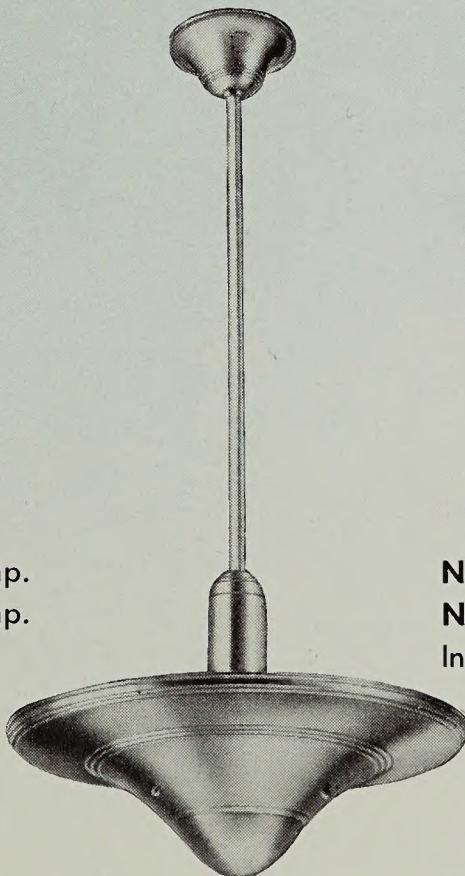
No. 9457—16" dia. for 100 to 200 watt lamp.

No. 9460—22" dia. for 300 to 500 watt lamp.

Inner reflector has genuine ALZAK diffuse finish.

Standard length both sizes—36".

Standard finish: SATIN CHROME.



No. 9462—One light.
Totally indirect.

Mogul Socket for 300 to 500 watt lamp.

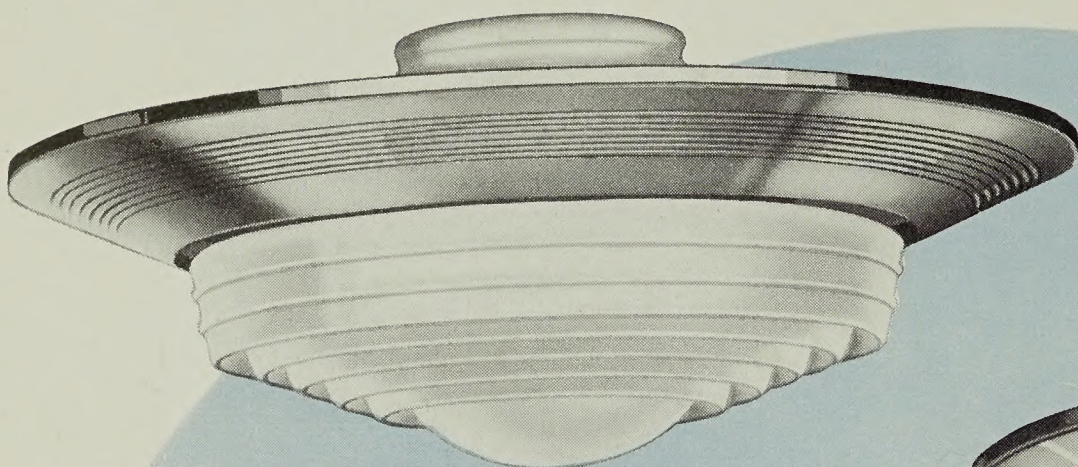
Inner reflector has genuine ALZAK diffuse finish.

Standard length—36", diameter 18".

Standard finish: SATIN CHROME.



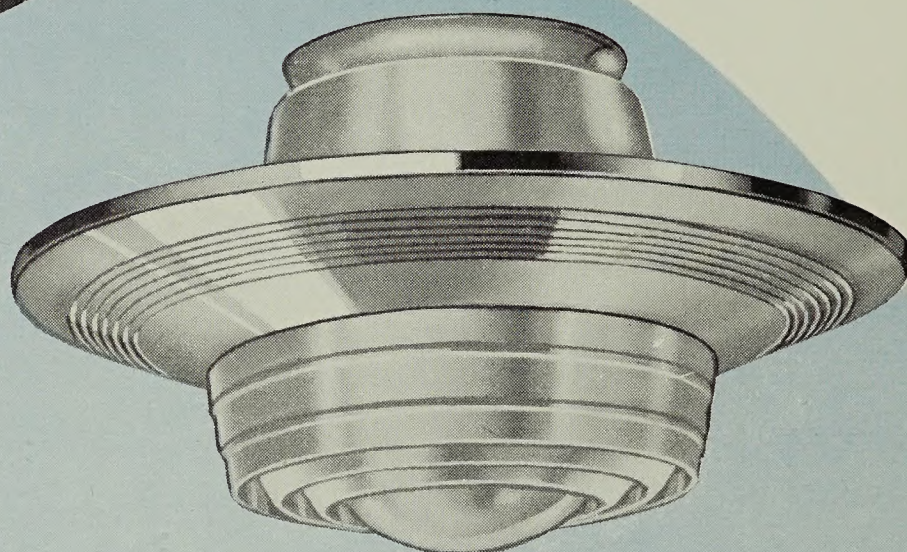
GLASS-LOUVER LIGHTING



No. 3724

Glass and Louver. 14" dia. glass, 21" dia. louver.

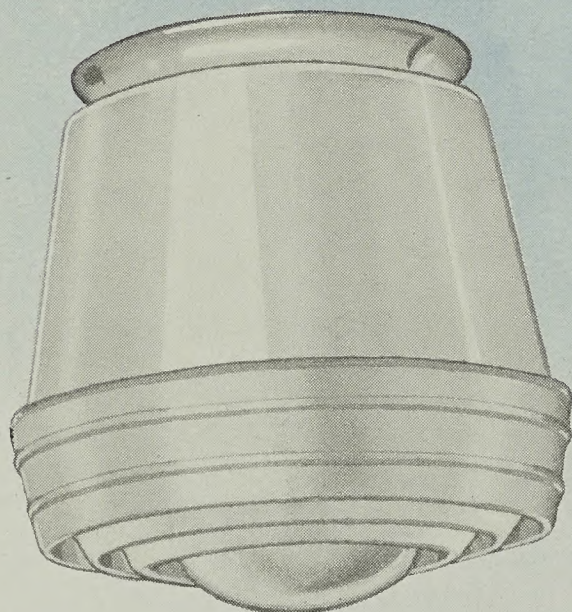
FINISH: SATIN CHROME.



No. 3718

Glass and Louver. Glass 8 $\frac{1}{4}$ " dia., Louver 15" dia. 6" fitter. Louver

FINISH: SATIN CHROME.

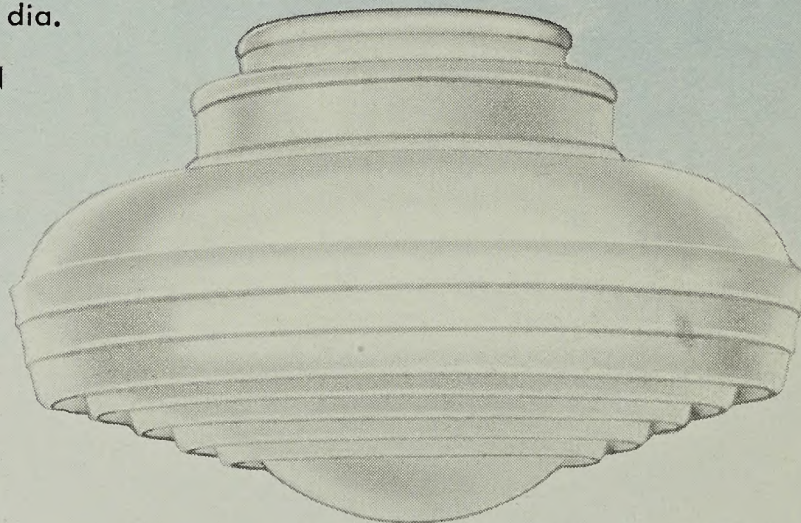


No. 731

White fired-in enamel with clear crystal bottom louver 8 $\frac{1}{4}$ " dia., 8 $\frac{1}{2}$ " deep, 6" fitter. Up to 200 watt lamp.

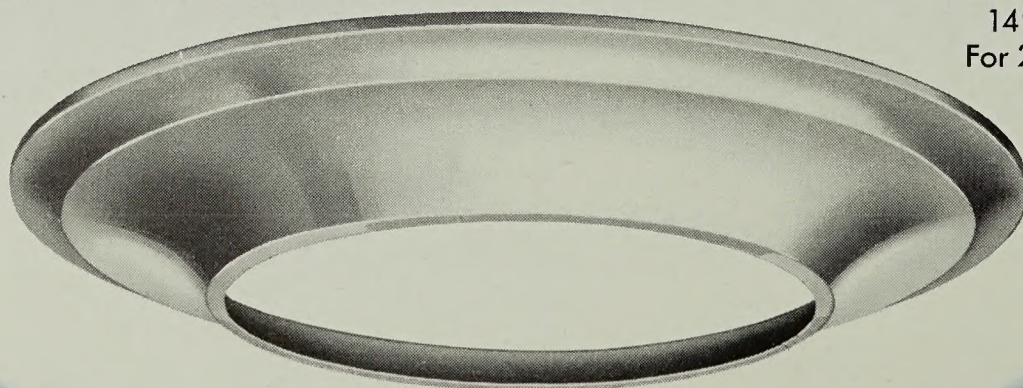
Louvers Only
No. 10885—15" dia.
No. 10861—21" dia.

FINISH: SATIN CHROME



No. 733

White fired-in enamel with clear crystal bottom louver. 14" dia., 9" deep, 6" fitter. For 200 or new 300 watt lamp.



No. 10860

Metal Louver Only
Dia. 23", opening dia. 13 $\frac{3}{8}$ "
FINISH: SATIN CHROME



FLUORESCENT LIGHTING CATALOG

LIST PRICE—FEBRUARY 26, 1940

Subject to Change Without Notice.

LINCOLN MANUFACTURING COMPANY

Detroit, Michigan

All prices for complete with ballast and starters, except where specified less ballast. Less ballast prices include sockets but no starters. Prices do not include lamps. All prices F.O.B. Detroit. When ordering High Power Factor Units, please specify "PF" after fixture number, thus: No. 8520 PF. When ordering units without PF, please specify "Less PF," thus: No. 8520 Less PF.

FLUORESCENT FIXTURE INFORMATION

- All fixtures are wired complete for 110 V-60 cycle AC current.
- New type ballasts and separate starting switches mounted in sockets are standard equipment.
- White sockets of the "twist" style are used on all fixtures.
- Prices less ballasts includes new type sockets, but not starting switches.
- When a fixture is available in both low and high power factor, please specify if low or high power factor is desired. • All fixtures are individually packed.
- All ballasts are mounted on felt washers to reduce humming noise.

Fixture No.	Page	Description	List Price High P.F. Complete	Approx. P.F. Rating	List Price Less Ballasts	List Price Low P.F. Complete	Approx. P.F. Rating	Accessory Price List
8510	F7	Bracket	12.90	90	6.60	9.60	55	....
8510-A	F7	With Conv. Outlet	13.50	90	7.20	10.20	55	....
8511	F7	With Reflector	15.60	90	9.45	12.30	55	....
8511-A	F7	C. O. & Reflector	16.20	90	9.90	12.90	55	....
8512	F7	Bracket	14.55	90	8.55	11.25	55	....
8512-A	F7	Conv. Outlet	15.00	90	9.00	11.70	55	....
8513	F7	With Reflector	17.85	90	11.70	14.55	55	....
8513-A	F7	C. O. & Reflector	18.15	90	12.00	14.85	55	....
8514	F7	Bracket	25.50	90	11.10	18.90	55	....
8515	F7	With Reflector	29.70	90	15.15	23.10	55	....
8520	F1	3-Light Drop	46.95	87	27.00	38.70	55	....
8521	F1	3-Light Drop	61.05	87	30.90	....	..	....
8522	F1	3-Light Drop	67.50	87	35.40	....	..	....
8523	F1	3-Light Ceiling	40.50	87	20.40	32.10	55	....
8524	F1	5-Light Drop	72.60	87	36.30	56.40	55	....
8525	F1	5-Light Drop	85.50	87	38.55	....	..	....
8527	F1	3-Light Ceiling	54.45	87	24.30	....	..	....
8528	F1	3-Light Ceiling	61.05	87	28.80	....	..	....
8529	F1	5-Light Ceiling	66.00	87	29.70	49.80	55	....
8530	F1	5-Light Ceiling	79.20	87	31.95	....	..	....
8532	F5	2-Light Reflector	25.05	95	13.50	19.80	55	....
8535	F1	5-Light Drop	99.00	87	42.90	....	..	....
8538	F1	5-Light Ceiling	93.00	87	36.30	....	..	....
8540	F7	Satin Chrome	....	..	....	16.50	55	....
8540	F7	Chrome Plate	....	..	....	19.80	55	....
8544	F5	1-Light Channel—18"	10.80	90	4.80	7.50	55	....
8545	F5	1-Light Channel—24"	11.25	90	5.10	7.95	55	....
8546	F5	1-Light Channel—36"	19.80	90	6.15	13.20	55	....
8547	F5	1-Light Channel—48"	21.45	90	7.20	14.85	55	....
8548	F4	2-Light Reflector	41.25	95	28.20	....	..	....
8550	F6	1-Light Channel—18"	11.55	90	4.80	8.25	55	....
8551	F6	1-Light Channel—24"	12.15	90	5.40	8.85	55	....
8552	F6	1-Light Channel—36"	22.05	90	6.90	15.45	55	....
8553	F6	1-Light Channel—48"	25.20	90	8.25	18.60	55	....
8561	F5	1-Light Reflector	17.25	90	9.60	13.20	55	....
8563	F5	1-Light Reflector	27.15	90	13.65	23.10	55	....
8566	F1	4-Light Drop	82.50	90	42.90	....	..	....
8567	F1	4-Light Ceiling	75.90	90	36.30	....	..	....
8575	F3	2-Light Novolite	26.85	95	13.50	19.80	55	....
8578	F3	2-Light Novolite	31.50	95	14.85	....	..	....
8580	F3	3-Light Novolite	32.70	87	16.20	25.80	55	....
8583	F3	3-Light Novolite	42.75	87	17.55	....	..	....
8584	F3	Ceiling	26.85	95	13.50	19.80	55	....
8585	F3	Ceiling	31.50	95	14.85	....	..	....
8586	F3	Ceiling	37.05	95	17.25	....	..	....
8587	F3	Ceiling	32.70	87	16.20	25.80	55	....
8588	F3	Ceiling	42.75	87	17.55	....	..	....
9511	F7	Bracket	....	..	7.35	10.35	55	....
9511-A	F7	With Conv. Outlet	....	..	8.10	11.10	55	....
9512	F7	Bracket	....	..	9.30	12.00	55	....
9512-A	F7	With Conv. Outlet	....	..	9.90	12.75	55	....
11750	F6	Cast End Plate	....	..	....	....	..	1.35
11751	F6	Cast Connecting Plate	....	..	....	....	..	1.05
11821	F6	Cast 4-Way Plate	....	..	....	....	..	2.25
11822	F6	Cast 3-Way Plate	....	..	....	....	..	2.25
11840	F6	Cast Corner Plate	....	..	....	....	..	1.65

COMMERCIAL LIGHTING PRICES See other side

COMMERCIAL LIGHTING

Fixture No.	Price	Page	Description	Std. Maximum Pkg. Capacity	Fixture No.	Price	Page	Description	Std. Maximum Pkg. Capacity
731	2.25	F9	8 1/4" dia. glass clear, louvred bottom	2	1574	122.10	F10	40" Chromium	2—200W
733	5.25	F9	14" diameter—clear, louvred bottom	2	1575	82.50	F10	30" Bronze	2—150W
1570	28.05	F10	Bronze	2—60W	1575	99.00	F10	30" Chromium	2—150W
1570	29.70	F10	Satin Chrome	2—60W	1575	99.00	F10	40" Bronze	2—200W
1571	46.20	F10	Bronze	2—100W	1575	122.10	F10	40" Chromium	2—200W
1571	49.50	F10	Satin Chrome	2—100W	9457	12.30	F8	Indirect	1—200W
1574	82.50	F10	30" Bronze	2—150W	9458	13.05	F8	Glass Bottom	1—200W
1574	99.00	F10	30" Chromium	2—150W	9459	14.40	F8	Glass Bottom	1—500W
1574	99.00	F10	40" Bronze	2—200W	9460	13.20	F8	Mogul Socket	1—500W
3718	4.80	F9	Glass and Louvre Only 4	.....	9462	10.65	F8	Mogul Socket	1—500W
3724	9.90	F9	Glass and Louvre	.....	10860	5.70	F9	Louvre Only 4	.....
					10861	2.55	F9	Louvre Only 4	.....
					10885	2.55	F9	Louvre Only 4	.....

FLUORESCENT FIXTURE INFORMATION



- All fixtures are wired complete for 110 V-60 cycle AC current.
- New type ballasts and separate starting switches mounted in sockets are standard equipment.
- White sockets of the "twist" style are used on all fixtures.
- Prices less ballasts includes new type sockets, but not starting switches.
- When a fixture is available in both low and high power factor, please specify if low or high power factor is desired.
- All fixtures are individually packed.
- All ballasts are mounted on felt washers to reduce humming noise.

GENERAL INFORMATION



FINISHES—The finishes specified for each item are the result of exhaustive research and have been selected as the most appropriate and practical for the fixture. Excessive additional cost of special finishes prohibit us from furnishing any other than those specified for each item. Where more than one finish is available on a fixture please specify which one is required.

PACKING—Fixtures are packed assembled, in cartons which are especially partitioned and rigidly tested to suit the individual requirements insuring receipt of shipment in best possible condition. Standard package quantities are noted in the price list. If less than standard package quantity is required, an additional charge for repacking will be necessary.

ORDERING—On Rush Orders much time can be saved by ordering by wire. For this purpose we have compiled a code, which is shown below, with full instructions for its use.

SHIPPING—Please specify whether you prefer to have your goods shipped by Parcel Post, Freight, Express or Boat. If we lack these instructions, we will ship according to our own discretion.

DAMAGE—If loss or damage is incurred in shipment, please notify your transportation agent immediately. Though we cannot be held responsible for collection of any claim, we will co-operate to any extent possible. When breakage necessitates replacement of parts, give fixture number, close description of part and finish. No goods are returnable without our authorization.

TERMS—F. O. B. Factory, 1%—10 days, net 30 days. Credit will be extended those rated in Dun & Bradstreet or those who can furnish satisfactory credit references. All C. O. D. or sight draft orders must be accompanied by a deposit of 25% of order; terms on these orders are net.

TELEGRAPHIC INFORMATION AND CODE LINCOLN MANUFACTURING CO.

For the convenience of our customers in ordering fixtures by telegraph, we have worked out a code, which, if used correctly, will save you considerable expense, inasmuch as it eliminates a good many words otherwise necessary in an ordinary telegram.

It is permissible to group five letters together, which is counted as one word. You may use code words alone, or with English words, but code letters cannot be attached to English words.

Following is an example of an actual telegram received amounting to thirty-eight words, and the same reduced to code amounting to only ten words:

"Rush freight ten per eighty four naught five drop and forty number eighty four naught six. Also three number seventy one naught five drop and three number seventy one fifteen ceiling and two number twenty nine naught one."

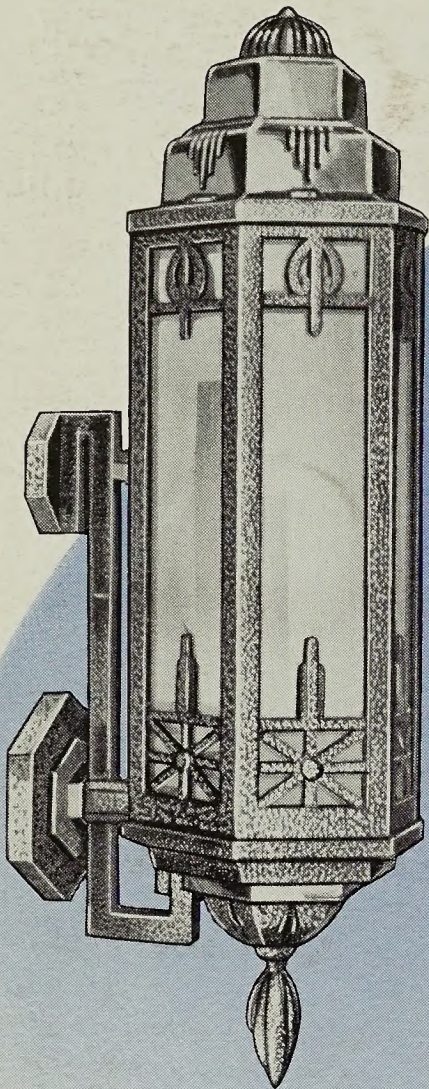
"WAJ PHDJE FORTY PHDJF THREE PGAJE THREE PGAAE TWO PBIJA."

We might call to your attention that a good many of our customers use a lot of unnecessary words in telegrams. For instance, most of our fixture numbers designate themselves the number of lights, such as No. 2035 is a five-light, No. 2033 is a three-light, all our one-light brackets end in six and two-light brackets in seven. Where a fixture is made in only one finish, as are most of our numbers, it is not necessary to state the finish.

Following are the code letters and words they represent:

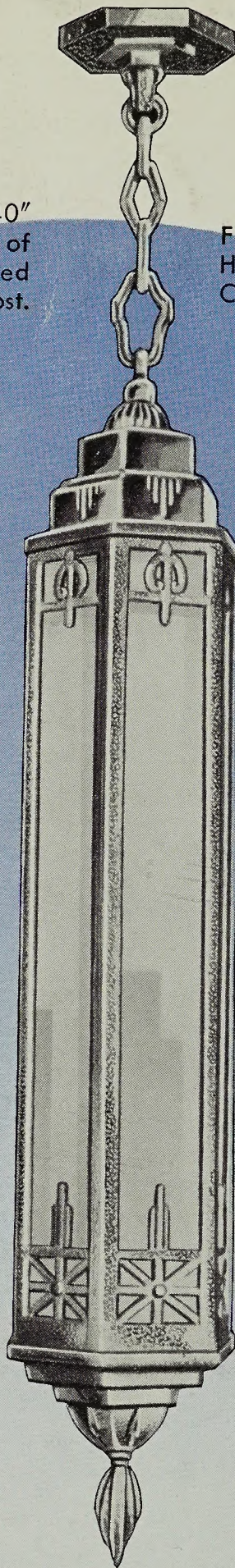
A	.....	1
B	.....	2
C	.....	3
D	.....	4
E	.....	5
F	.....	6
G	.....	7
H	.....	8
I	.....	9
J	.....	0
K	.....	Drop
L	.....	Candle
M	.....	Ceiling
N	.....	Hundred
O	.....	Thousand
P	.....	Number
Q	.....	Lantern
R	.....	Bracket
S	.....	Fixture
T	.....	Wired
U	.....	Unwired
V	.....	Parcel Post
W	.....	Freight
X	.....	Express
Y	.....	Boat
Z	.....	Wire Reply

PUBLIC BUILDING LANTERNS



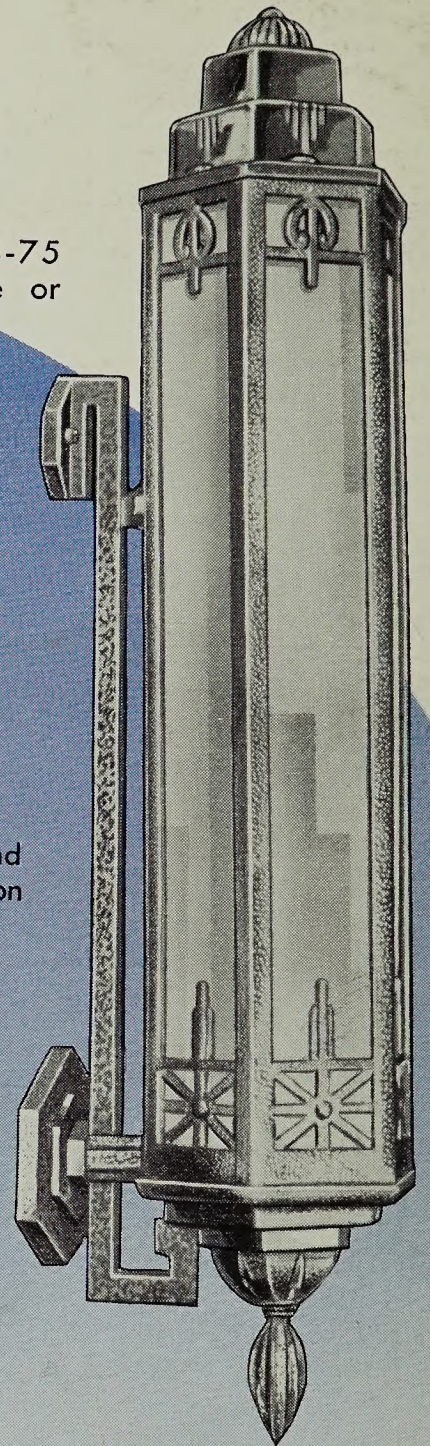
On 1575—30" and 40" lanterns, the position of outlet can be changed at slight additional cost.

No. 1575
30", Two Light;
Width, $8\frac{1}{2}$ "; ex-
tends $10\frac{1}{2}$ ". White
Flashed Opal Glass
Panels. Made of
solid Cast Bronze.

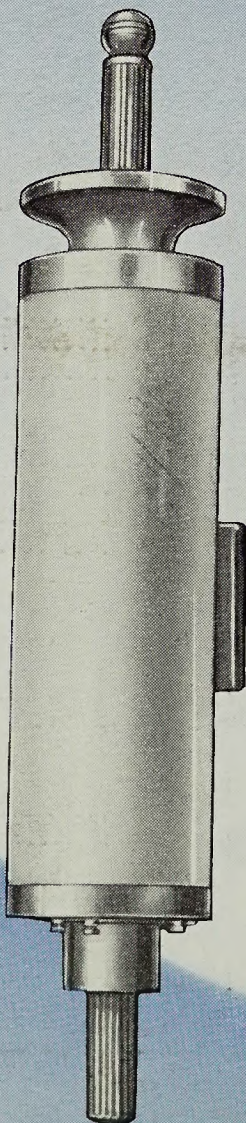


Finishes on 1574-75
Highlighted Bronze or
Chromium Plate.

No. 1575
Same finish and
material as on
30" lantern.



No. 1575
40", Three Light



No. 1574—30"—Two Light.
No. 1574—40"—Three Light.
Length, 72"; Width, $8\frac{1}{2}$ ". To
match No. 1575.

No. 1571
Two Light. Length,
28"; Width, 5",
extends 7". White
Opal Cylinder.
Made of Cast
Bronze. Finishes:
Bronze or Plated
Satin Chrome.

No. 1570—Two Light. Length,
 $16\frac{1}{2}$ "; Width, $5\frac{1}{4}$ ", extends
 $6\frac{1}{2}$ ". To match No. 1571.

